

PRODUCT DATASHEET

LEAD-LINED TIMBER BATTENS



FOR USE IN RADIATION SHIELDING APPLICATIONS IN A VARIETY OF SECTORS: HEALTHCARE, VETERINARY, NUCLEAR RESEARCH AND NON-DESTRUCTIVE TESTING.



USAGE

Wall shielding	✓
Ceiling shielding	✓
Floor shielding	✓
Door shielding	✓
New-build healthcare projects	✓
Healthcare refurbishment projects	✓
Dental surgeries	✓
Veterinary practices	✓
Industrial	✓

DESCRIPTION

Soft wood battens bonded either on one or two sides with lead sheet.

COMPLIANCE

Softwood timber battens to BS EN 1313-1: 1997
Lead sheet to BBA Certificate No. 86/1764

DIMENSIONS AND WEIGHTS

WIDTH

50mm.

LENGTH

Lengths up to 3000mm can be manufactured with the most common being 2400mm.

THICKNESS

25mm.

WEIGHTS

The table opposite shows the weights for the two options of single or double sided Timber Battens.

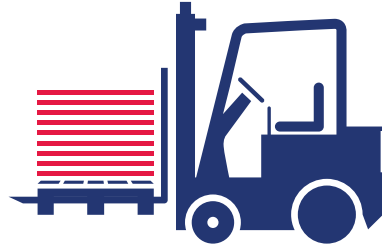
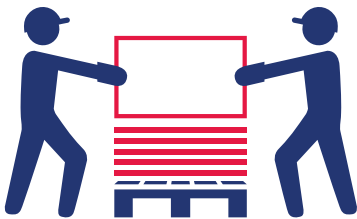
Lead thickness		Total weight (lead plus batten) kg/lm	
mm	UK code	Single-sided	Two-sided
0.44mm	1	2.73	2.98
0.5mm		2.76	3.04
0.89mm	2	2.98	3.48
1mm		3.04	3.61
1.32mm	3*	3.23	3.98
1.5mm		3.33	4.18
1.8mm	4*	3.50	4.52
2mm		3.61	4.74
2.24mm	5*	3.75	5.02
2.5mm		3.89	5.31
2.65mm	6*	3.98	5.48
3mm		4.18	5.88
3.15mm	7*	4.26	6.05
3.5mm		4.46	6.44
3.55mm	8*	4.49	6.50

*BS EN 12588:2006

Weights all nominal

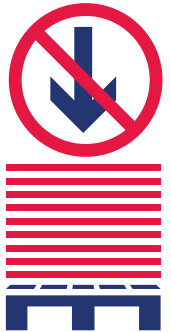
STORAGE AND HANDLING TIPS

Lead-lined boards are supplied on a wooden pallet system. Pallets should be moved using a fork lift truck or hydraulic trolley.



When manually handling lead-lined boards, consider the correct manual handling technique to limit risk. Lead is heavy – ensure you have help to lift into position.

Lead-lined boards are not suitable to be used as a platform or deck. They will not support body weight and therefore it is important that installers use an independent support mechanism.



Lead is not covered by COSHH (control of substances hazardous to health) and handling lead-lined boards is perfectly safe – but we do recommend you take certain precautions:



Wear protective gloves when handling the lead sheet



Wash your hands thoroughly as soon as possible after you have finished



Don't eat, drink or smoke until you've washed your hands

Lead-lined boards should be stored in dry flat conditions.



FOR FURTHER ASSISTANCE AND ADVICE PLEASE CONTACT MIDLAND LEAD HEALTHCARE

CALL US: +44 (0)1283 224 555 EMAIL: healthcare@midlandlead.co.uk